**BACKGROUND**

Chemokines are members of a superfamily of small inducible, secreted, pro-inflammatory cytokines. Members of the chemokine family exhibit 20 to 50% homology in their predicted amino acid sequences and are divided into four subfamilies. In C-C (or b) subfamily, the first two cysteines are adjacent. C-C chemokines are chemoattractants and activators for monocytes and T cells. C-C subfamily members include macrophage inflammatory protein (MIP)-1a, MIP-1b, MIP-2, MIP-3a, MIP-3b, MIP-4, HCC-1, MIP-5 (or HCC-2), RANTES, MCP-1/2/3 (and the murine homologs JE and MARC), L-309, murine C10 and TCA3. MIP-3a is expressed in several tissues and cell lines. MIP-3b expression is restricted to lymph nodes, thymus and appendix.

**REFERENCES**


**CHROMOSOMAL LOCATION**

Genetic locus: CCL20 (human) mapping to 2q36.3.

**SOURCE**

MIP-3α (C6) is a mouse monoclonal antibody raised against a recombinant protein corresponding to amino acids 27-96 of MIP-3α of human origin.

**PRODUCT**

Each vial contains 100 µg IgGκ kappa light chain in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

**STORAGE**

Store at 4°C. **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

**APPLICATIONS**

MIP-3α (C6) is recommended for detection of MIP-3α of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation (1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)), immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500), immunohistochemistry (including paraffin-embedded sections) (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

Suitable for use as control antibody for MIP-3α shRNA (h): sc-43935, MIP-3α shRNA Plasmid (h): sc-43935-SH and MIP-3α shRNA (h) Lentiviral Particles: sc-43935-V.

Molecular Weight of MIP-3: 9 kDa.

**RECOMMENDED SUPPORT REAGENTS**

To ensure optimal results, the following support reagents are recommended:

**RESEARCH USE**

For research use only, not for use in diagnostic procedures.

**PROTOCOLS**

See our web site at www.scbt.com for detailed protocols and support products.